

### ABSTRACT

A fuel supply system and fuel filter for a vehicle prevent bleed down of the fuel filter and minimizes the amount of any air or vapor delivered to the fuel supply line. The fuel filter includes a housing enclosing a filter media. The filter includes an inlet for receiving fuel from the fuel pump. The filter also includes first and second outlets. The first outlet supplies filtered fuel to the fuel supply line. The second outlet supplies filtered fuel to the jet pump. In this way, by providing a single outlet from the fuel pump to the fuel filter, and providing two outlets from the fuel filter which separately leads to the fuel supply line and the jet pump, bleed down is prevented and vapors within the fuel supply line are reduced.